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(54) Title: THE USE OF ORTHOESTERS FOR THE SYNTHESIS OF CHIRAL ACIDS IN BIOCATALYZED IRREVERSIBLE ESTERIFICATION PROCESSES

(57) Abstract: A process for the resolution of enantiomeric mixtures of a chiral carboxylic acid, comprising an esterification reaction of said carboxylic acid in an organic solvent, in the presence of a stereoselective hydrolase, characterized in that an orthoester of the formula: R¹-C(OR²)₃, in which R¹ is selected from H and C₁-C₄alkyl and R² is C₁-C₈alkyl or -CH₂-C₆₋₁₀aryl, is used as the esterification reactive.

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